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2 **CLAIM AMENDMENTS**

3 Claims 1-23, 25-43, and 46-47 were pending at the time of the Action.

4 Claim 1 is amended in this Response.

5 No Claims are canceled in this Response.

6 Accordingly, claims 1-23, 25-43, and 46-47 remain pending.

7  
8 The listing of claims below will replace prior versions of claims in the  
9 application:

- 10 1. (Currently Amended) A method comprising:  
11 receiving a first broadcast data stream encoded using a first encoding  
12 format;  
13 receiving a second broadcast data stream encoded using a second encoding  
14 format;  
15 demultiplexing the first broadcast data stream while maintaining the first  
16 encoding format of the first broadcast data stream;  
17 demultiplexing the second broadcast data stream while maintaining the  
18 second encoding format of the second broadcast data stream;  
19 storing the first broadcast data stream on a storage device in the first  
20 encoding format;  
21 storing the second broadcast data stream on the storage device in the second  
22 encoding format; and  
23 time shifting the first and second broadcast data streamstreams.  
24  
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1           2. (Previously Amended) A method as recited in claim 1 wherein the first  
2 broadcast data stream is a digital data stream.

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4           3. (Previously Amended) A method as recited in claim 1 wherein the first  
5 broadcast data stream may utilize any data format.

6  
7           4. (Previously Amended) A method as recited in claim 1 wherein storing  
8 the first broadcast data stream on a storage device includes writing the first  
9 broadcast data stream to an application programming interface.

10  
11           5. (Previously Amended) A method as recited in claim 1 further  
12 comprising retrieving the first broadcast data stream from the storage device.

13  
14           6. (Previously Amended) A method as recited in claim 1 further  
15 comprising multiple systems retrieving the first broadcast data stream  
16 simultaneously.

17  
18           7. (Previously Amended) A method as recited in claim 1 further  
19 comprising retrieving different portions of the first broadcast data stream  
20 simultaneously.

21  
22           8. (Previously Amended) A method as recited in claim 1 wherein the first  
23 broadcast stream is stored on the storage device using a plurality of temporary  
24 files.  
25

1 9. (Previously Amended) A method as recited in claim 1 wherein the first  
2 broadcast stream is stored on the storage device using a single temporary file.  
3

4 10. (Previously Amended) A method as recited in claim 1 wherein the first  
5 broadcast stream is stored on the storage device using at least one permanent file.  
6

7 11. (Original) One or more computer-readable memories containing a  
8 computer program that is executable by a processor to perform the method recited  
9 in claim 1.  
10

11 12. (Previously Amended) A method comprising:  
12 receiving a first digital data stream encoded using a first encoding format;  
13 receiving a second digital stream encoded using a second encoding format;  
14 separating components of the first digital data stream;  
15 storing the components of the first digital data stream on a storage device,  
16 wherein the components are stored in the first encoding format;  
17 receiving a command to play back the first digital data stream;  
18 retrieving at least one of the stored components of the first digital data  
19 stream from the storage device;  
20 decoding the retrieved component; and  
21 rendering the components of the first digital data stream in a manner that  
22 corresponds to the received play back command.  
23  
24  
25

1 13. (Previously Amended) A method as recited in claim 12 further  
2 comprising:

3 receiving a command to pause play back of the first digital data stream; and  
4 halting rendering of the components of the first digital data stream in  
5 response to the pause command.

6  
7 14. (Original) A method as recited in claim 12 wherein the play back  
8 command is a play command.

9  
10 15. (Original) A method as recited in claim 12 wherein the play back  
11 command is a rewind command.

12  
13 16. (Original) A method as recited in claim 12 wherein the play back  
14 command is a fast forward command.

15  
16 17. (Original) A method as recited in claim 12 wherein the play back  
17 command is a seek command.

18  
19 18. (Original) A method as recited in claim 12 wherein the play back  
20 command is a slow motion play command.

21  
22 19. (Original) A method as recited in claim 12 wherein the play back  
23 command is a skip forward command.

1           20. (Original) A method as recited in claim 12 wherein the play back  
2 command is a skip backward command.

3  
4           21. (Previously Amended) A method as recited in claim 12 wherein  
5 storing the components of the first digital data stream on a storage device includes  
6 writing the components of the first digital data stream to an application  
7 programming interface.

8  
9           22. (Original) A method as recited in claim 12 wherein the storage device  
10 is a hard disk drive.

11  
12           23. (Previously Amended) A method as recited in claim 12 wherein the  
13 storage device is a hard disk drive and components of the first digital data stream  
14 are stored in at least one temporary file or at least one permanent file on the hard  
15 disk drive.

16  
17           24. Canceled.

18  
19           25. (Previously Amended) A method as recited in claim 12 wherein the  
20 first digital data stream may utilize any data format.

21  
22           26. (Previously Amended) A method as recited in claim 12 wherein  
23 multiple devices retrieve the stored components of the first digital data stream  
24 simultaneously.  
25

1           27. (Previously Amended) A method as recited in claim 12 wherein  
2 retrieving the stored components of the first digital data stream includes:

3           a first device retrieving data associated with a first data stream stored on the  
4 storage device; and

5           a second device simultaneously retrieving data associated with a second  
6 data stream stored on the storage device.

7  
8           28. (Previously Amended) A method as recited in claim 12 wherein  
9 retrieving the stored components of the first digital data stream includes:

10           a first device retrieving data from a first location in the first digital data  
11 stream; and

12           a second device simultaneously retrieving data from a second location in  
13 the first digital data stream.

14  
15           29. (Previously Amended) A method as recited in claim 12 wherein  
16 separating components of the first digital data stream includes demultiplexing  
17 video data and audio data from the first digital data stream.

18  
19           30. (Previously Amended) A method as recited in claim 12 wherein  
20 separating components of the first digital data stream includes demultiplexing  
21 Internet Protocol data from the first digital data stream.

1 31. (Original) One or more computer-readable memories containing a  
2 computer program that is executable by a processor to perform the method recited  
3 in claim 12.

4  
5 32. (Previously Amended) A method comprising:  
6 receiving at least two broadcast data streams, one of the at least two  
7 broadcast streams utilizing a first encoding format and another of the at least two  
8 broadcast streams utilizing a second encoding format;  
9 separating components of one of the at least two broadcast streams;  
10 storing the components of one of the at least two broadcast streams on a  
11 storage device;  
12 retrieving the components of the stored one of the at least two broadcast  
13 streams from the storage device;  
14 decoding the retrieved components;  
15 rendering the components of one of the at least two broadcast streams; and  
16 receiving a request to pause rendering of one of the at least two broadcast  
17 streams currently being rendered, in response to the pause request:  
18 halting rendering of one of the at least two broadcast streams  
19 currently being rendered;  
20 continuing to store the components of the halted one of the at least  
21 two broadcast streams on the storage device.

22  
23 33. (Previously Amended) A method as recited in claim 32 wherein one of  
24 the at least two broadcast streams is a television broadcast.  
25

1 34. (Previously Amended) A method as recited in claim 32 wherein one of  
2 the at least two broadcast streams is a digital data stream.

3  
4 35. (Previously Amended) A method as recited in claim 32 further  
5 comprising:

6 receiving a request to resume rendering of the halted one of the at least two  
7 broadcast streams; and

8 rendering the halted one of the at least two broadcast streams based on the  
9 request to resume rendering of one of the at least two broadcast streams.

10  
11 36. (Original) One or more computer-readable memories containing a  
12 computer program that is executable by a processor to perform the method recited  
13 in claim 32.

14  
15 37. (Previously Amended) One or more computer-readable media having  
16 stored thereon a computer program that, when executed by one or more  
17 processors, causes the one or more processors to:

18 separate the components of a first broadcast data stream encoded using a  
19 first encoding format;

20 separate the components of a second broadcast data stream encoded using a  
21 second encoding format;

22 store the components of the first and second broadcast data streams on a  
23 hard disk drive;

24 receive a request to play back the stored components of the first broadcast  
25 data stream;



1 retrieve the stored components of the first broadcast data stream from the  
2 hard disk drive;

3 decode the components of the first broadcast data stream; and  
4 render the components of the first broadcast data stream.

5  
6 38. (Previously Amended) One or more computer-readable media as  
7 recited in claim 37 wherein the one or more processors render the components of  
8 the first broadcast stream in a manner that corresponds to the received play back  
9 request.

10  
11 39. (Previously Amended) One or more computer-readable media as  
12 recited in claim 37 wherein the one or more processors render the components of  
13 the first broadcast stream and the second broadcast stream simultaneously.

14  
15 40. (Previously Amended) One or more computer-readable media as  
16 recited in claim 37 wherein the first broadcast data stream is a television  
17 broadcast.

18  
19 41. (Previously Amended) One or more computer-readable media as  
20 recited in claim 37 wherein the separate components of the first broadcast data  
21 stream are audio data and video data.

1 42. (Previously Amended) One or more computer-readable media as  
2 recited in claim 37 wherein the separate components of the first broadcast data  
3 stream include Internet Protocol data.

4  
5 43. (Previously Amended) An apparatus comprising:  
6 a capture module configured to capture a first data stream and a second data  
7 stream, wherein the first data stream is represented by a first data format and the  
8 second data stream is represented by a second data format, and wherein the first  
9 data stream is encoded using a first encoding format and the second data stream is  
10 encoded using a second encoding format;

11 a data storage module configured to store the captured data streams in their  
12 encoded formats; and

13 a rendering module configured to decode the data streams and to render the  
14 data streams from the data stored on the data storage module.

15  
16 44-45. Canceled.

17  
18 46. (Previously Amended) The apparatus of claim 43 wherein the capture  
19 module is further configured to separate the components of the data streams and  
20 the data storage module is further configured to store each of the separate  
21 components of the data streams.

22  
23 47. (Original) The apparatus of claim 43 wherein the data storage module  
24 includes at least one hard disk drive.  
25